

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-21 (Canceled).

Claim 22 (Currently Amended): A method for wireless data transfer between a first multimedia device and a second multimedia device, in which the first multimedia device and the second multimedia device are connected via a point-to-point wireless connection that is operable according to a first wireless data transfer standard and to a second wireless data transfer standard, and in which the first wireless data transfer standard and the second wireless data transfer standard are different from and not compatible with each other, said method comprising:

[[an]] application data receiving in which application commands, application parameters, and application data of the first wireless data transfer standard are received by the first multimedia device from an application of the first multimedia device;

transmitting data from the first multimedia device according to the first wireless data transfer standard by performing [[a]] connection layer processing in which the application commands, application parameters, and application data are processed by the first multimedia device to obtain respective connection commands, connection parameters, and connection data of the first wireless data transfer standard; and

~~a choosing in which at least one of the first wireless standard and the second wireless standard is chosen as a chosen wireless standard by the first multimedia device;~~

standard switching from the first wireless data transfer standard to the second wireless data transfer standard, by the first multimedia device, so as to switch from transmitting the data according to the first wireless data transfer standard to transmitting the data according to the second wireless data transfer standard without interruption, including [[an]] adaptation

layer processing in which, ~~if the chosen wireless standard is different from the first wireless standard~~, a standard conversion is performed, wherein the connection commands, connection parameters, and connection data from the connection layer processing are converted into respective processed connection commands, processed connection parameters, and processed connection data ~~of the chosen~~ according to the second wireless data transfer standard; and  
a sending in which ~~the processed connection commands, processed connection parameters and processed connection data are sent out by the first multimedia device via the wireless connection according to the chosen wireless standard.~~

Claim 23 (Currently Amended): A method for wireless data transfer between a first multimedia device and a second multimedia device, in which the first multimedia device and the second multimedia device are connected via a point-to-point wireless connection that is operable according to a first wireless data transfer standard and to a second wireless data transfer standard, and in which the first wireless data transfer standard and the second wireless data transfer standard are different from and /or not compatible with each other, said method comprising:

[[a]] transmission data receiving in which transmitted ~~wireless~~ data are received by the second multimedia device, ~~which transmitted wireless data having been transmitted via the wireless connection according to a chosen~~ the first wireless data transfer standard from the first multimedia device that is at least one of the first wireless standard and the second wireless standard;

[[an]] adaptation layer processing in which, ~~if the chosen wireless standard is different from the first wireless standard~~ after the transmitted data has switched from being received by the second multimedia device according to the first wireless data transfer standard to being received according to the second wireless data transfer standard without interruption, a

standard conversion is performed by the second multimedia device, wherein the transmitted ~~wireless~~ data are processed to obtain connection commands, connection parameters, and connection data of the ~~chosen~~ second wireless data transfer standard;

[[a]] connection layer processing in which the connection commands, connection parameters, and connection data of the ~~application transmitted~~ wireless data, which were received according to the second wireless data transfer standard, are converted into respective application commands, application parameters, and application data of the ~~chosen~~ first wireless data transfer standard; and

an application data processing executed by the second multimedia device, wherein the converted application commands, application parameters, and application data are provided to an application of the first multimedia device.

Claim 24 (Currently Amended): A method according to claim 22, wherein a ~~switching of the currently applied wireless standard to the chosen standard, the chosen wireless standard being at least one of the first wireless standard and the second wireless standard is performed by~~ the standard switching comprises:

opening a new temporary wireless connection between the first multimedia device and the second multimedia device, the new temporary wireless connection operating according to the ~~chosen~~ second wireless data transfer standard; and

terminating the currently applied first wireless data transfer standard based on a determination of a need for the ~~currently applied~~ second wireless data transfer standard.

Claim 25 (Previously Presented): A method according to claim 22, wherein the method for wireless data transfer realizes a point-to-point connection between the first multimedia device and the second multimedia device.

Claim 26 (Previously Presented): A method according to claim 22, wherein the adaptation layer processing is performed within an adaptation layer.

Claim 27 (Canceled).

Claim 28 (Currently Amended): A method according to claim 22, ~~wherein the chosen wireless standard is chosen depending~~ further comprising:

determining whether to perform the standard switching from the first wireless data transfer standard to the second wireless data transfer standard based on properties of the wireless connection according to the first wireless data transfer standard, including a distance between the first multimedia device and the second multimedia device, and/or depending on direct requests from the application.

Claim 29 (Currently Amended): A method according to claim 22, ~~wherein the chosen wireless standard is chosen depending~~ further comprising:

determining whether to perform the standard switching from the first wireless data transfer standard to the second wireless data transfer standard based on a battery condition of at least one of the first multimedia device and /or depending on a battery condition of the second multimedia device.

Claim 30 (Previously Presented): A method according to claim 28, wherein the properties of the wireless connection comprise signal strength, quality of service, and energy efficiency.

Claim 31 (Previously Presented): A method according to claim 28, wherein the distance between the first multimedia device and the second multimedia device is determined based on positioning system data.

Claim 32 (Currently Amended): A method according to claim 28, wherein the ~~choosing of the chosen wireless standard~~ determining is performed by a management unit.

Claim 33 (Previously Presented): A method according to claim 22, wherein the first multimedia device is a video camcorder and the second multimedia device is a data processing means.

Claim 34 (Currently Amended): A method according to claim 33, wherein the data processing means is a personal computer, a notebook, a video recorder, a television set, a personal digital assistant, a portable phone, a stereo headphone, ~~and/~~ or a mobile video viewer.

Claim 35 (Currently Amended): A method according to claim 30, wherein the management unit informs the application ~~which chosen~~ that the standard switching to the second wireless data transfer standard is chosen determined, and the application, in response to the informing, adjusts a bit rate of the application data depending on the ~~chosen~~ second wireless data transfer standard.

Claim 36 (Currently Amended): A method according to claim 22, wherein

the first wireless data transfer standard and the second wireless data transfer standard are any of the following standards: IEEE 802.11a, IEEE 802.11b, Bluetooth (BT), ZigBee, [[or]] and IEEE 802.15.3; and

the connection commands, connection parameters, ~~and~~/ or connection data correspond to any of the following standards: UDP/TCP, Bluetooth (BT).

Claim 37 (Currently Amended): A wireless data transfer system ~~which is capable of and/or has means for performing or realizing~~ configured to perform a method for wireless data transfer according to claim 22.

Claim 38 (Currently Amended): A computer program product comprising computer program means adapted to perform ~~and/or to realize~~ a method for wireless data transfer according to claim 22, when the method is executed on a computer or a digital signal processing means.

Claim 39 (Currently Amended): A non-transitory computer-readable storage medium comprising a computer program product according to claim 38.

Claim 40 (Currently Amended): A multimedia device connectable with a further multimedia device via a point-to-point wireless connection that is operable according to a first wireless data transfer standard and to a second wireless data transfer standard, in which the first wireless data transfer standard and the second data transfer wireless standard are different from and ~~are~~ not compatible with each other, the multimedia device comprising:  
a connection layer configured to receive application commands, application parameters, and application data of the first wireless data transfer standard from an

application layer, and further configured to process the application commands, application parameters, and application data, thus generating respective connection commands, connection parameters, and connection data of the first wireless data transfer standard, the application layer providing access to a data storage unit of the multimedia device which stores data;

a managing unit configured to ~~set at least one of~~ seamlessly switch from the first wireless data transfer standard ~~and to~~ the second wireless data transfer standard as a chosen wireless data transfer standard, when transmitting the data stored in the data storage unit, depending on at least one of signal strength, quality of service of the wireless connection, a distance between the multimedia device and the further multimedia device, and ~~or depending on~~ a direct request from the application;

an adaptation layer configured to, ~~[[if]]~~ when the managing unit ~~changes~~ switches from the first wireless data transfer standard ~~into~~ to the second wireless data transfer standard ~~or vice versa~~ when transmitting the data stored in the data storage unit, perform a standard conversion, wherein the connection commands, connection parameters, and connection data from the connection layer are converted into respective processed connection commands, processed connection parameters, and processed connection data of the ~~chosen~~ second wireless data transfer standard; and

a sending unit configured to send out the processed connection commands, processed connection parameters, and processed connection data via the wireless connection according to the ~~chosen~~ second wireless data transfer standard so as to transmit the data stored in the data storage unit.

Claim 41 (Canceled).

Claim 42 (Previously Presented): Multimedia device according to claim 40, wherein the multimedia device is a video camcorder, personal computer, notebook, video recorder, television set, personal digital assistant, or a portable phone.

Claim 43 (Currently Amended): The method according to claim 23, further comprising:

opening a new temporary wireless connection between said first multimedia device and said second multimedia device, the new temporary wireless connection operating according to said ~~chosen~~ second wireless data transfer standard; and

terminating the currently applied first wireless data transfer standard based on a determination of a need for the ~~currently applied~~ second wireless data transfer standard.

Claim 44 (Currently Amended): The multimedia device according to claim 40, wherein the adaptation layer is ~~configure~~ configured to:

when the managing unit switches from the first wireless data transfer standard to the second wireless data transfer standard, open a new temporary wireless connection between said first multimedia device and said second multimedia device, the new temporary wireless connection operating according to said ~~chosen~~ second wireless data transfer standard; and

terminate the currently applied first wireless data transfer standard based on a determination of a need for the ~~currently applied~~ second wireless data transfer standard.